

66334 U.S. PTP

08/9/5101

11/10/84

60

Class

Subclass

ISSUE CLASSIFICATION

SCANNED 4

UTILITY
SERIAL
NUMBER

PATENT DATE

SEP 07 1999

PATENT
NUMBER

5948906



SERIAL NUMBER

FILING DATE

CLASS

SUBCLASS

GROUP ART. UNIT

EXAMINER

APPLICANTS

70 now

Goes with
Reissue Appln
09/945835

Foreign priority claimed

35 USC 119 conditions met

yes

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

no

Verified and Acknowledged

Examiner's Initials

AS
FILEDSTATE OR
COUNTRYSHEETS
DRWGS.TOTAL
CLAIMSINDEP.
CLAIMSFILING FEE
RECEIVEDATTORNEY'S
DOCKET NO.

ADDRESS

TITLE

U.S. DEPT. OF COMM./PAT. & TM-PTO-436L (Rev.12-94)

PARTS OF APPLICATION
FILED SEPARATELY

NOTICE OF ALLOWANCE MAILED

MAR 09 1999

ISSUE FEE

Amount Due

Date Paid

5,120.00

6/24/99

Label
Area

Assistant Examiner

Thomas E. Denton
Primary Examiner

Thomas E. Denton Primary Examiner

PREPARED FOR ISSUE

CLAIMS ALLOWED

Total Claims

Print Claim

24

1

DRAWING

Sheets Drwg.

Figs. Drwg.

Print Fig.

17

20

1

ISSUE
BATCH
NUMBER

006

WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A
(Rev. 8/92)

Normal Drawings (1 sheet)

SCAN

00

(FACE)

STAPLE

AREA

U.S. GOVERNMENT PRINTING OFFICE: 1997-430-220

PATENT NUMBER

APPLICATION SERIAL NUMBER

08/975,101

APPLICANT'S NAME (PLEASE PRINT)

AKAZAKI et al

IF REISSUE, ORIGINAL PATENT NUMBER

INTERNATIONAL CLASSIFICATION

F01N 3/60

ORIGINAL CLASSIFICATION

CLASS SUBCLASS

60

278

CROSS REFERENCE(S)

CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)

60

284

288

297

GROUP ART UNIT

3745

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

Thomas E DENION

PTO 270
REV 2-91

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE